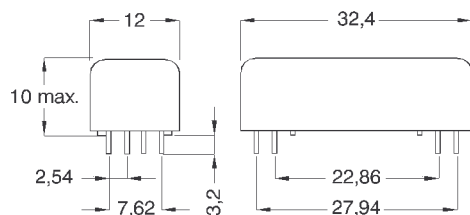


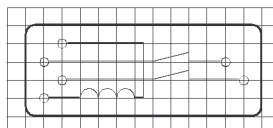
DIMENSIONS (mm)



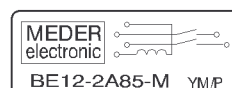
Pins: Ø0.65 mm
L = 3.2±0.3 mm
Material: Cu-alloy tinned

LAYOUT

pitch 2.54 mm/Top view



MARKING



MEDER-Label
Type/Layout
Production code,
EN60062/Factory code



Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		990	1.100	1.210	Ohm
Coil voltage			12		VDC
Rated power			131		mW
Pull-In voltage				8,4	VDC
Drop-Out voltage		1			VDC

Contact Data 85	Conditions	Min	Typ	Max	Unit
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			100	W
Switching voltage	DC or Peak AC			1.000	V
Carry current	DC or Peak AC 100% Duty Cycle			2,5	A
Contact resistance static	Measured with 40% overdrive			150	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	1			TOhm
Breakdown voltage (30-40 AT)	according to EN 60255-5	2,5			kV DC
Operate time incl. bounce	measured with 40% overdrive			1,1	ms
Release time	measured with no coil excitation			0,1	ms
Capacitance	@ 10 kHz across open switch		0,5		pF

Special Product Data	Conditions	Min	Typ	Max	Unit
Number of contacts			2		
Contact - form			A - NO		
Dielectric Strength Coil/Contact	according to EN 60255-5	2			kV DC
Insulation resistance Coil/Contact	RH <45%, 200 VDC test voltage	1			TOhm
Housing material			Metal		
Magnetic Shield			yes		
RoHS conformity			yes		
Sealing compound			Polyurethan		
Connection pins			Copper alloy tin plated		



Products for tomorrow...

Europe: +49 / 7731 8399 0

| Email: info@meder.com

USA: +1 / 508 295 0771

| Email: salesusa@meder.com

Asia: +852 / 2955 1682

| Email: salesasia@meder.com

Item No.:

8812285200

Item:

BE12-2A85-M

Environmental data	Conditions	Min	Typ	Max	Unit
Shock	1/2 sine wave duration 11ms			50	g
Vibration	from 10 - 2000 Hz			20	g
Operating temperature		-20		70	°C
Storage temperature		-20		70	°C
Soldering temperature	wave soldering max. 5 sec.			260	°C
Washability		fully sealed			

Modifications in the sense of technical progress are reserved

Designed at: 15.03.06 Designed by: WKOVACS

Approval at:

Approval by: RUDI RIPPL

Last Change at: 29.08.12 Last Change by: WKOVACS

Approval at: 29.08.12

Approval by: CRUF

Version: 06